Quick Start Guide

Compact Excavators

65R-1, 67C-1, 85Z-1, 86C-1,
90Z-1, 100C-1

Disclaimer

> This Quick Reference Guide is to provide quick and simple information to the Operator and does not include any health and safety aspects. In addition, because of our continual development of machines, features described in this Quick Reference Guide may differ from those on your machine. No errors and emissions be entirely ruled out.

> This Quick Reference Guide **DOES NOT** replace the Operators Manual. You **MUST** read **ALL** the disclaimers and safety and other instructions in the Operators Manual before initially operating this product. Accordingly, no legal claims can be entertained on the basis of the data, illustrations or descriptions in this Quick Reference Guide.

> This machine should not be operated by any person who isn't appropriately qualified or had the appropriate training.

> Operation of this machine without periodic maintenance could cause it to malfunction. For more information please contact your JCB Dealer.

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Intended Use

General

> Machine Type – Compact Excavator

> Self propelled machine with a tracked undercarriage

> 360° revolving upper structure with boom, dipper, bucket and slew mechanism

Intended Use

> Machine intended to be used in normal conditions as detailed in the operators manual

> With bucket fitted, machine work cycle consists of digging, elevating, slewing and discharging of materials

> Applications include earthmoving, road construction, building and construction, landscaping etc.

> Can be used for object handling

> Not intended for use in mining and quarrying applications, demolition, forestry, any use underground and any explosive atmospheres

> Must not be used for forestry, used with attachments of unknown weight, used on surfaces with unknown stability – list not exhaustive

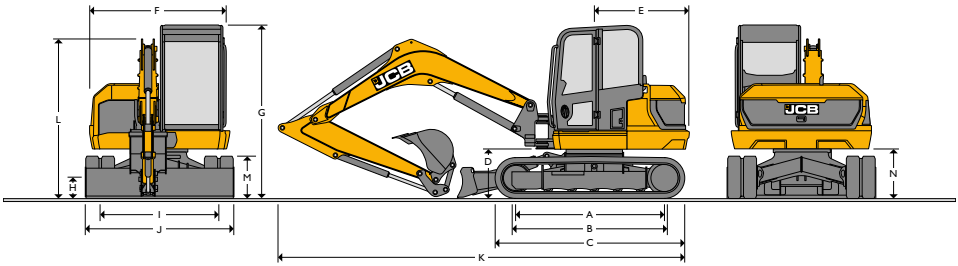
> PPE may be required in certain applications/environments e.g. high silica concentration or asbestos

> The machine should not be operated by any person without appropriate qualifications, training or experience of using this type of machine

> Prior to use, the machine's suitability should be considered with regards to the intended applications and any hazards which may be present

Dimensions

Fig 1

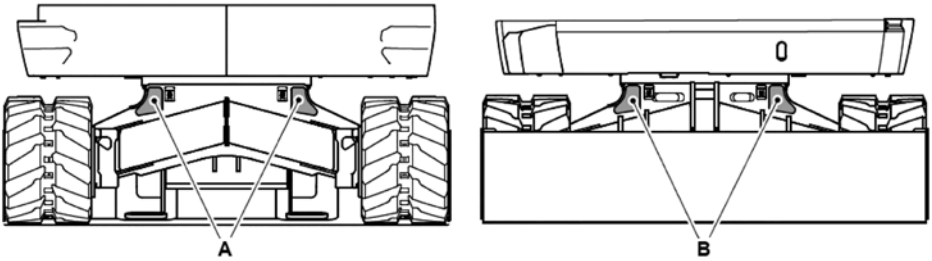


Machine model			65R-1	67C-1	85Z-1	86C-1	86C-1 TAB	90Z-1	100C-1
A	Sprocket idler centres	mm	1985		2325				
B	Track length on ground	mm	1985		2325				
C	Undercarriage overall length – rubber tracks	mm	2490		2950				
	Undercarriage overall length – steel tracks		2490		2900				
D	Kingpost clearance	mm	620		793				
E	Tailswing radius	mm	1185	1385	1145	1490	1600	1145	1601
F	Overall width of superstructure	mm	1798		2168	2187			
G	Height over cab	mm	2582	2582	2706				
H	Ground clearance	mm	240		350				
I	Track gauge	mm	1600		1850				
J	Width over tracks (450 shoes)	mm	2000		2300				
K	Transport length with standard dipper	mm	5710	5600	5833	6435	6655	6585	6860
L	Transport length with standard dipper		2360	2600	2706		2593	2580	2593
M	Track height	mm	560		650				
N	Counterweight clearance	mm	637		762				
O	Operating weight*	kg	6601	6760	8300	8600	9448	8607	9733

* Standard machine specification, please see data plate for specific machine weight.

Tie Down Points

Fig 2

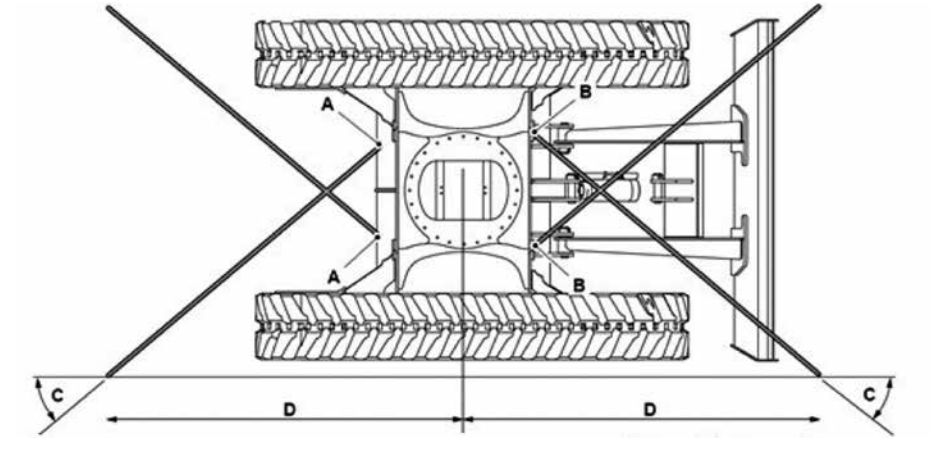


A Rear track tie-down points (both sides)

B Front track tie-down points (both sides)

The correct tie down positions are identified on the machine by their labels:

Fig 3



A Rear track tie-down points

B Front track tie-down points

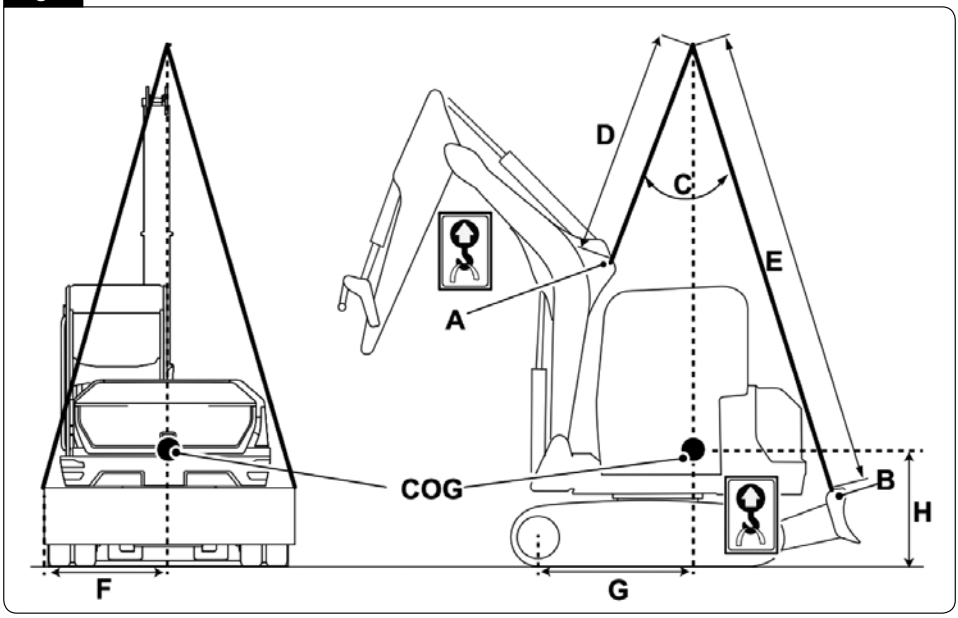
C 65R-1 / 67C-1 Angle = 46.2 ± 1.5°
Angle = 47 ± 1.5° (dozer)
8-10T Angle = 40 ± 1.5°

D 65R-1 / 67C-1 Length = 2,000 ± 100mm
8-10T Length = 2,415 ± 100mm

Lifting Points

The correct lifting positions are identified on the machine by their labels: 

Fig 4



Machine model		65R-1	67C-1	85Z-1	86C-1	86C-1 TAB	90Z-1	100C-1
A		Boom Lift Point						
B		Dozer Lift point						
C	degrees	35		30	30	25	30	
D	mm	2500	2320	2755	2295	2263	2725	2075
E	mm	4800	4620	5325	5285	5352	5800	5250
F	mm	1052	966	1096	1083	1090	1091	1091
G	mm	850	1048	990	1187	1203	982	1207
H	mm	803	682	915	1449	1177	1073	1038

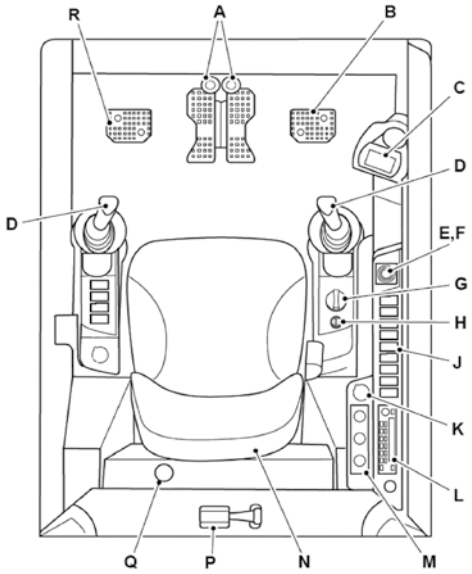
COG- Centre of Gravity

Cab and Switch Panel

Operator Station Layout

Fig 5

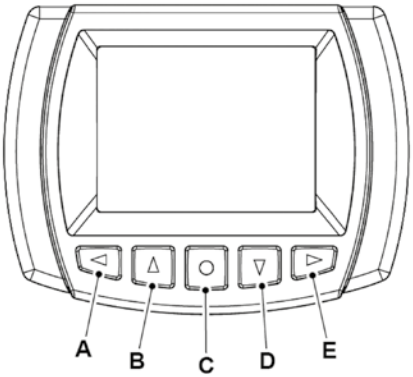
- **A** Track controls
- **B** Swing control pedal
- **C** Instrument panel
- **D** Excavator controls
- **E** Dozer blade control lever
- **F** Two-speed tracking switch
- **G** Hand throttle control
- **H** Ignition key switch
- **J** Switch console
- **K** Auxiliary power socket
- **L** Entertainment system
- **M** HVAC controls
- **N** Operator seat
- **P** Glass hammer
- **Q** Fire extinguisher
- **R** Foot rest



Instrument Panel

Fig 6

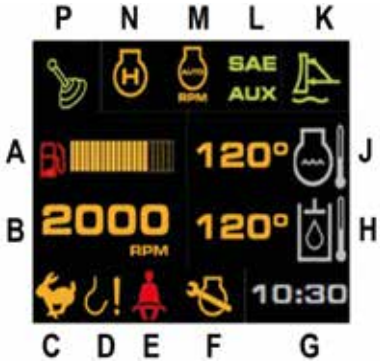
- **A** Left
- **B** Up
- **C** Select
- **D** Down
- **E** Right
- **F** 3.5" colour display



Normal Operating Screen

Fig 7

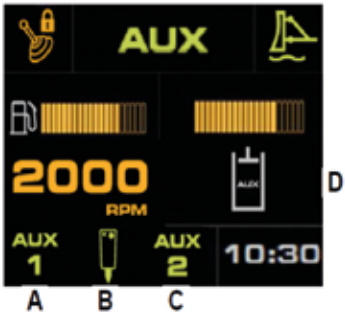
- **A** Fuel gauge
- **B** Engine speed
- **C** Two speed status warning
- **D** Lift overload status
- **E** Seat belt status
- **F** Service due warning
- **G** Clock
- **H** Hydraulic oil temperature
- **J** Coolant temperature warning
- **K** Dozer float status
- **L** SAE / AUX status warning
- **M** Auto idle status
- **N** Engine power mode status
- **P** Hydraulic active status



Auxiliary Screen

Fig 8

- **A** High flow aux warning
- **B** High flow aux warning – single acting
- **C** Low flow aux mode warning
- **D** High flow auxiliary max flow indicator



Icon Variants

Power Modes

- Heavy mode
- Eco mode

Auxiliary Modes

- AUX mode (SAE)
- Swing mode (SAE)
- AUX mode (ISO)
- Swing mode (ISO)

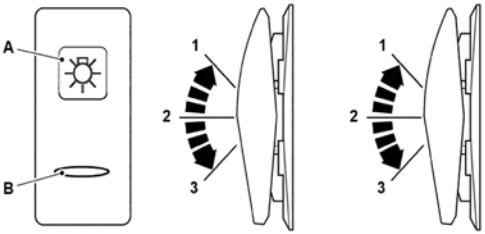
Hydraulics Active Mode

- Hydraulics inactive mode
- Hydraulics active mode

Console Switches

Fig 9

A Graphic symbol
B Light bar
C 3 way position switch
D 2 way position switch / momentary switch



Work Lights
1 = Off
2 = On (Boom & front)
3 = On (Boom, front, & rear)

Beacon
1 = Off
2 = On

Overload Warning System
1 = Off
2 = Silence/un-silence buzzer

Excavator Arm Quickhitch
1 = Off
2 = Start unlock sequence

Controls Isolation (2GO)
1 = Off
2 = Activate/de-activate hydraulic controls

Window Wipers
1 = Off
2 = Intermittent / continuous / washer

Auxiliary Hydraulic Circuit
1 = Adjust max high flow
2 = Adjust auxiliary mode

Power Mode
1 = Off
2 = ECO mode / heavy mode

Automatic Idle
1 = Off
2 = On

Dozer Float
1 = Off
2 = Activate/de-activate dozer float

Joysticks

Fig 10

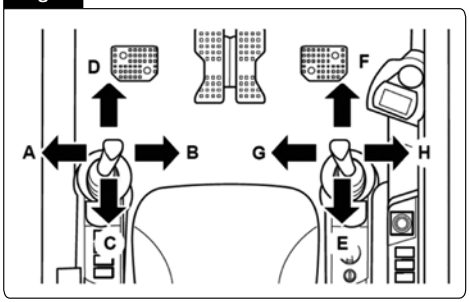
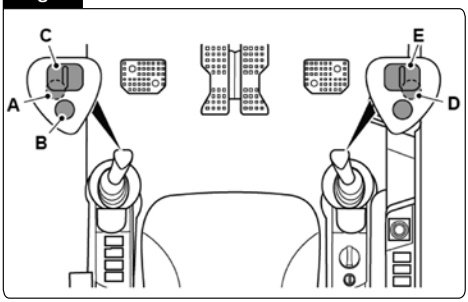


Fig 11



Joystick Controls

- **A** Slew left
- **B** Slew right
- **C** Raise boom
- **D** Lower boom
- **E** Dipper in
- **F** Dipper out
- **G** Crowd bucket
- **H** Dump bucket

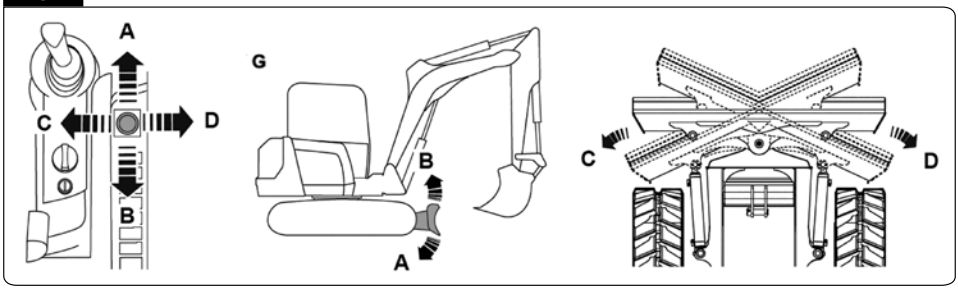
Auxiliary Controls

- **A** Tilt/grab changeover for tilt-rotator
- **B** Aux activation button
- **C** Thumb wheel control – Aux 2 (Low flow)
- **D** Continuous flow button – Hammer circuit
- **E** Thumb wheel control – Aux 1 (High flow)

Note: **A** & **D** located underside of joystick

Dozer Lever

Fig 12

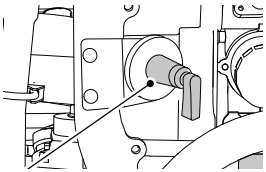


- **A** Lower the dozer
- **B** Raise the dozer
- **C** Angle the dozer (left side in)
- **D** Angle the dozer (right side in)

Start Up Sequence

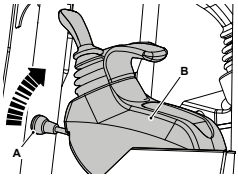
1 Insert Isolator Key

Insert isolator key (A) and turn in a clockwise direction.



2 Raise LH Arm Rest

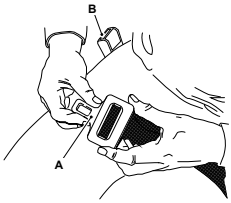
Ensure the hydraulic isolation lever (left hand arm rest) is in the raised position.



A Handle **B** LH arm rest

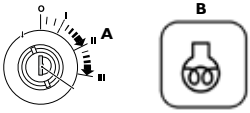
3 Engage Seat Belt

Engage seat belt (A) into latch (B) before starting machine.



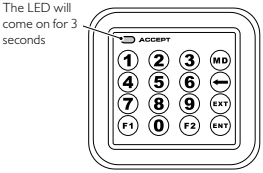
4 Engine Pre Heat

Turn ignition to position I (A) to pre-heat engine before start. Wait until pre-heat symbol (B) on instrument panel goes off.



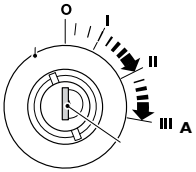
5 Disarm Immobiliser

If fitted disarm by entering 4-digit PIN code then push ENT button.



6 Start Machine

From ignition position I turn ignition to position 3 (A) to start the machine.



7 Lower LH Arm Rest

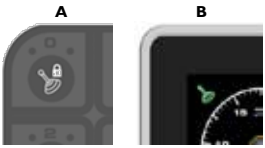
Lower the LH arm rest to activate the hydraulics.

Note: If 2 GO enabled go to step 8, if not go to step 9

A Handle
B LH arm rest

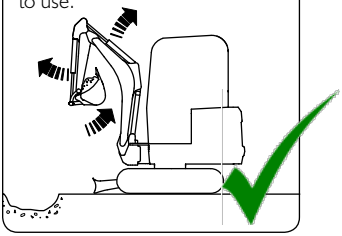
8 Press 2 GO Button

If enabled press 2 GO button (A) to activate hydraulics. Instrument panel will illuminate (B) when active.



9 Operate Machine

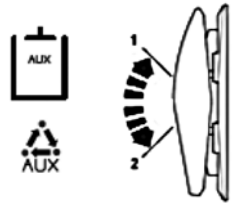
All controls are now active and the machine is now ready to use.



Setting Auxiliary Flows

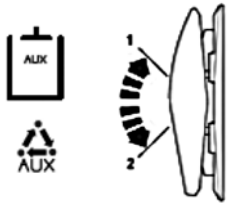
1 **Enter Menu Mode**

Adjust maximum high flow auxiliary using the momentary rocker switch in position 2.



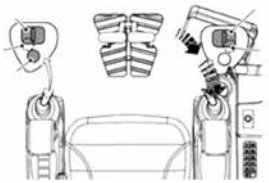
2 **Set Aux Flow**

Adjust maximum high flow auxiliary using the momentary rocker switch in position 1.

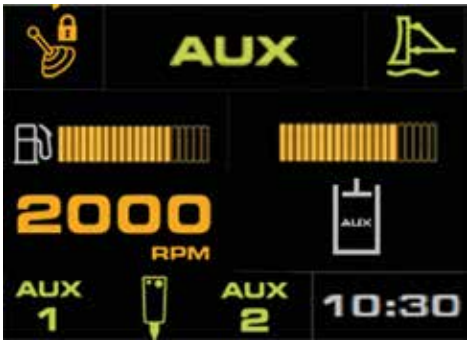


3 **Operate Machine**

Auxiliary flows are now set to the desired settings and are now ready to be used.



Setting Auxiliary Flows



Flow is in bar format from 10 -100

Aux 1 = High Flow

Aux 2 = Low Flow

Hammer = Single Acting Aux 1
(1) = Double acting aux 1
(2) = Double acting aux 1

Hydraulic Hitch Unlock Sequence

Standard Attachments

1 Start Unlock Process

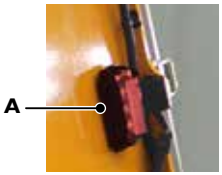
To start quick hitch unlock process ensure hydraulics are live then press quick hitch sequence button (A).

2 Confirm Process

Instrument panel will indicate need to confirm process (A). To confirm process press 2 GO button (B).

3 Boom LED Indicator

When the sequence is confirmed the LED on the boom will flash red (A).



4 Remove Attachment

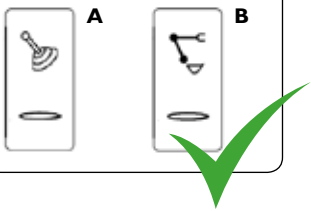
To disengage the pivot pin, crowd attachment for 3 seconds then remove attachment.

5 Change Attachment

Operate the machine to engage the jaw (A) with the attachment (B) and then full crowd the attachment to align latch.

6 Lock Quick Hitch

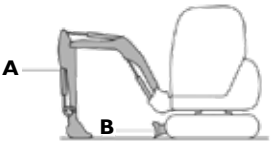
To engage the lock on the quick hitch press one of the following two buttons and visually check hitch is locked.



Shutdown Sequence

1 Park Machine Up

Park machine on solid level ground with the attachment (A) and dozer (B) on the ground.

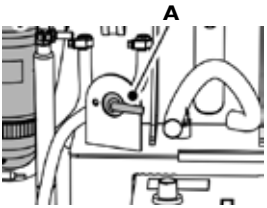


2 Leave & Secure

Switch off all switches. Leave machine using the handrails and footholds. Close & lock all doors and windows to secure machine.

3 Isolate Machine

Turn isolator key anti-clockwise and remove key.



Maintenance Position

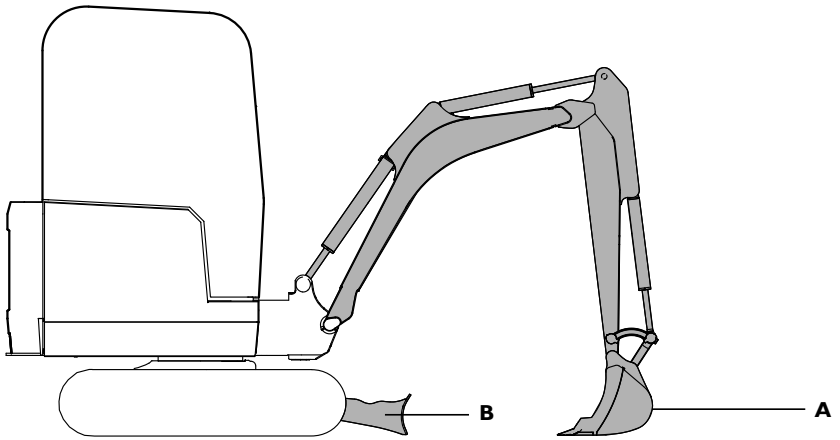
1. Park the machine on solid, level ground

   I. Release the two track levers

   II. Set the hand throttle lever to the idle position

2. Lower the dozer blade (B)

3. Lower the excavator so the attachment is flat on the ground



A Attachment flat on the ground
B Dozer blade lowered to ground

4. Stop the engine

5. Discharge the hydraulic pressure

6. Isolate the controls and remove ignition key

7. Isolate the battery to prevent accidental operation of the engine

Service/Maintenance 65R-1 / 67C-1

Daily Checks (10h)	Operator Manual Page	Action
Check condition of attachments / optional equipment	Page 147	Visual check
Grease attachments / optional equipment/ pivot pins as required	Page 147 / 149	Lubricate
Clean bodywork and framework	Page 151	Clean
Check condition of bodywork and framework	Page 151	Visual check
Check condition of cab/canopy including seat belt	Page 153-154	Visual check
Check engine for leaks and oil level	Page 155-157	Visual check
Check condition of drive belt	Page 157	Visual check
Check fuel system for leaks, contamination, exhaust smoke	Page 160-162	Visual check
Drain water from water separator on fuel filter	Page 163	Clean
Check engine coolant for leaks, contamination and level	Page 164	Visual check
Check condition of cooling pack and system	Page 164-165	Visual check
Check hydraulic oil level	Page 167-168	Visual check
Check window washer fluid level	Page 173	Visual check
Check condition of fire extinguisher	Page 174	Visual check
Check operation of all services i.e. excavator, dozer etc.	Page 167	Operate
Check operation of electrical equipment i.e. warning lights, beacon	Page 172	Operate
Check track and running gear operation	Page 163-165	Operate

Weekly Checks (50h)	Operator Manual Page	Action
Grease slew ring bearing	Page 148-149	Lubricate
Clean cooling pack	Page 161	Clean
Check condition and tension of tracks	Page 166-168	Visual check
Check hydraulic hoses / pipework for leaks and damage	Page 166	Visual check
Check condition of the rams	Page 171	Visual check
Clean the battery terminals	Page 172-173	Clean
Check the operation of the battery isolator	Page 170-171	Operate

Service/Maintenance 85Z-1/ 86C-1

Daily Checks (10h)	Operator Manual Page	Action
Check condition of attachments / optional equipment	Page 150	Visual check
Grease attachments / optional equipment/ pivot pins as required	Page 150 / 152	Lubricate
Clean bodywork and framework	Page 151	Clean
Check condition of bodywork and framework	Page 151	Visual check
Check condition of cab/canopy including seat belt	Page 153-154	Visual check
Check engine for leaks and oil level	Page 155-157	Visual check
Check condition of drive belt	Page 157	Visual check
Check fuel system for leaks	Page 160-162	Visual check
Drain water from water separator on fuel filter	Page 163	Clean
Check engine coolant for leaks, contamination and level	Page 164	Visual check
Check condition of cooling pack and system	Page 164-165	Visual check
Check hydraulic oil level	Page 170-171	Visual check
Check window washer fluid level	Page 176	Visual check
Check condition of fire extinguisher	Page 177	Visual check
Check operation of all services i.e. excavator, dozer etc.	Page 170	Operate
Check operation of electrical equipment i.e. warning lights, beacon	Page 172	Operate

Weekly Checks (50h)	Operator Manual Page	Action
Grease slew ring bearing	Page 151-152	Lubricate
Clean cooling pack	Page 164	Clean
Check condition and tension of tracks	Page 166-168	Visual check
Check hydraulic hoses / pipework for leaks and damage	Page 169-170	Visual check
Check condition of the rams	Page 171	Visual check
Clean the battery terminals	Page 172-173	Clean
Check the operation of the battery isolator	Page 173-174	Operate

Service/Maintenance 90Z-1 / 100C-1

Daily Checks (10h)	Operator Manual Page	Action
Check condition of attachments / optional equipment	Page 149	Visual check
Grease attachments / optional equipment/ pivot pins as required	Page 149 / 151	Lubricate
Clean bodywork and framework	Page 150	Clean
Check condition of bodywork and framework	Page 150	Visual check
Check condition of cab/canopy including seat belt	Page 152-153	Visual check
Check engine for leaks and oil level	Page 154-156	Visual check
Check condition of drive belt	Page 156	Visual check
Check fuel system for leaks and contamination	Page 159-161	Visual check
Drain water from water separator on fuel filter	Page 161	Clean
Check engine coolant for leaks, contamination and level	Page 154	Visual check
Check condition of cooling pack and system	Page 163-164	Visual check
Check hydraulic oil level	Page 169-170	Visual check
Check window washer fluid level	Page 174	Visual check
Check condition of fire extinguisher	Page 175	Visual check
Check operation of all services i.e. excavator, dozer etc.	Page 169	Operate
Check operation of electrical equipment i.e. warning lights, beacon	Page 171	Operate

Weekly Checks (50h)	Operator Manual Page	Action
Grease slew ring bearing	Page 150-151	Lubricate
Clean cooling pack	Page 163	Clean
Check condition and tension of tracks	Page 165-167	Visual check
Check hydraulic hoses / pipework for leaks and damage	Page 165-166	Visual check
Check condition of the rams	Page 167	Visual check
Clean the battery terminals	Page 171-172	Clean
Check the operation of the battery isolator	Page 172-173	Operate

Service/Maintenance Points: 65R-I / 67C-I

Fig 14

A Fuel filter
B Hydraulic oil level indicator
C Fuel filler cap
D Refuelling pump
E Hydraulic oil filler cap

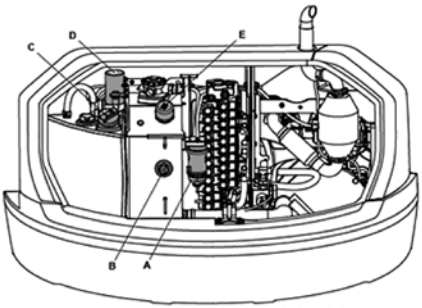


Fig 15

A Air filter
B Coolant expansion bottle
C Battery
D Battery isolator
E Radiator
F Washer bottle
G Engine oil dipstick
H Engine fuel filter

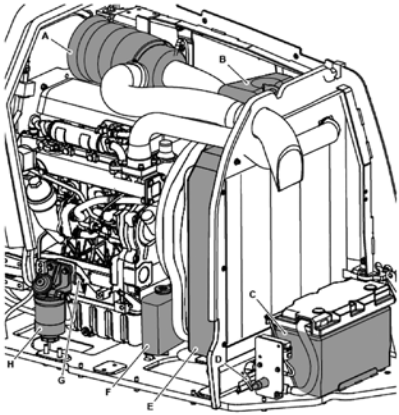
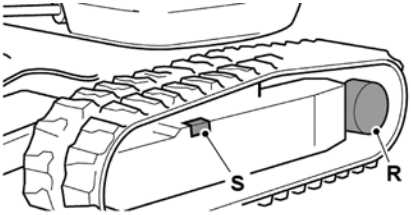


Fig 16

R Track gearbox
S Track tensioner



Service/Maintenance Points: 85Z-1 / 100C-1

Fig 17

- **A** Refuelling pump
- **B** Battery
- **C** Battery isolator
- **D** Washer Bottle
- **E** Fuel filler cap
- **F** Main fuel filter
- **G** Hydraulic oil level indicator
- **H** Engine fuel filter
- **J** Hydraulic oil filler cap

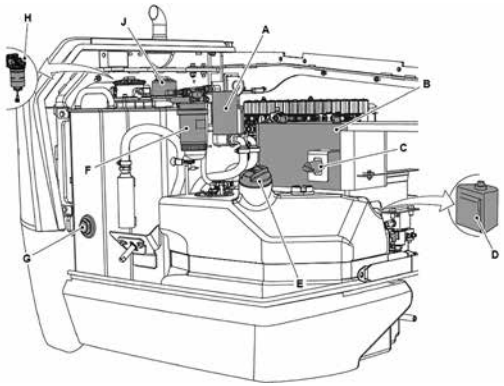


Fig 18

- **L** Radiator
- **M** Radiator expansion bottle
- **N** Engine oil filter cap
- **P** Air filter
- **Q** Engine oil dipstick

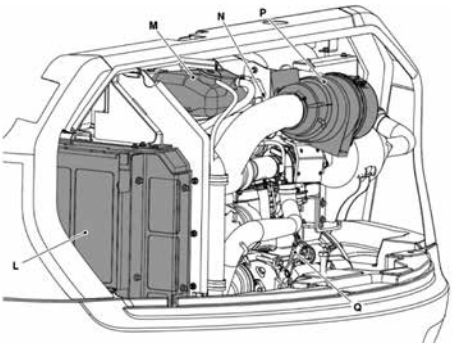
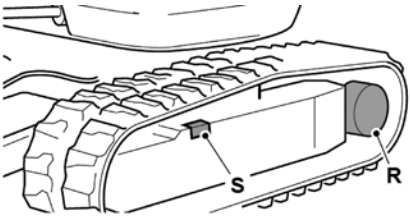


Fig 19

- **R** Track gearbox
- **S** Track tensioner



Fluids and Lubricants 65R-1 / 67C-1

Item	Capacity	Fluid / Lubricant	JCB Part Number	Container Size
Fuel Tank	83L	Diesel Oil	-	-
Engine (Oil)	9.1L	Above -10°C (14°F): JCB Ultra performance 10W30	4001 / 3005	20L
		JCB Ultra performance 5W30	4001 / 3105	20L
Engine Coolant	11.9L	JCB Antifreeze HP/Coolant/ Water	4006 / 1120	20L
Track Gearbox (each)	0.8L	JCB Engine Oil HP SAE 30 (Not Multigrade)	4001 / 0305	20L
Track Idler Wheels	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (top)	0.3L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (bottom)	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Hydraulic System	System 92.5 Tank 57.2	-20°C (-4.0°F) to 46°C (114.7°F): JCB Hydraulic Fluid OP46	4002 / 2005	20L
Slew Ring Bearings	As required	JCB HP Grease	4003 / 2017	0.4kg
Slew Ring Gear Teeth	As required	JCB Special Slew Pinion Grease	4003 / 1619	0.4kg
All Other Grease	As required	JCB MPL-EP Grease	4003 / 1501	0.4kg

Fluids and Lubricants 85Z-1 / 86C-1

Item	Capacity	Fluid / Lubricant	JCB Part Number	Container Size
Fuel Tank	112L	Diesel Oil	-	-
Engine (Oil) (KDI TCR)	11.2L	-20°C (-4°F) to 45°C (113°F): JCB Ultra performance 10W30	4001 / 3005	20L
		Below -25°C (-13°F) to 30°C (86°F): JCB Ultra performance 5W30	4001 / 3105	20L
		Below -25°C (-13°F) to 45°C (113°F): JCB Ultra performance	4001 / 3405	20L
Engine Oil (KDI TCR de-content Tier 2 Kohler Engines)	11.2L	15°C (59°F) to 45°C (113°F) JCB Engine oil 15W40	4001 / 1805	20L
		-20°C (-4°F) to 45°C (113°F) JCB Ultra performance 10W30	4001 / 3005	20L
		Below -25°C (-13°F) to 45°C (113°F) JCB extreme performance 5W40	4001 / 2705	20L
		Below -25°C (-13°F) to 45°C (113°F) JCB Ultra performance 5W40	4001 / 3405	20L
Engine Coolant	12.1L	JCB Antifreeze HP/Coolant/ Water	4006 / 1120	20L
Track Gearbox (each)	0.8L	JCB Engine Oil HP SAE 30 (Not Multigrade)	4001 / 0305	20L
Track Idler Wheels	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (top)	0.3L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (bottom)	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Hydraulic System	118L	Up to 30°C (86°F): JCB Hydraulic Fluid HP32	4002 / 1025	20L
Hydraulic Tank	66L	Over 30°C (86°F): JCB Hydraulic Fluid OP46	4002 / 2005	20L
Slew Ring Bearing	As required	JCB HP Grease	4003 / 2017	0.4kg
Slew Ring Gear Teeth	As required	JCB Special Slew Pinion Grease	4003 / 1619	0.4kg
All Other Grease	As required	JCB MPL-EP Grease	4003 / 1501	0.4kg

Fluids and Lubricants 90Z-1 / 100C-1

Item	Capacity	Fluid / Lubricant	JCB Part Number	Container Size
Fuel Tank	112L	Diesel Oil	-	-
Engine (Oil) (KDI TCR)	7.5L	-20°C (-4°F) to 45°C (113°F): JCB Ultra performance 10W30	4001 / 3005	20L
		Below -25°C (-13°F) to 30°C (86°F): JCB Ultra performance 5W30	4001 / 3105	20L
		Below -25°C (-13°F) to 45°C (113°F): JCB Ultra performance	4001 / 3405	20L
Engine Coolant	12.1L	JCB Antifreeze HP/Coolant/ Water	4006 / 1120	20L
Track Gearbox (each)	0.8L	JCB Engine Oil HP SAE 30 (Not Multigrade)	4001 / 0305	20L
Track Idler Wheels	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (top)	0.3L	JCB HD90 Gear Oil	4000 / 0305	20L
Track Rollers (bottom)	0.8L	JCB HD90 Gear Oil	4000 / 0305	20L
Hydraulic System	118L	-20°C (-4°F) to 46°C (114.7°F): JCB Hydraulic Fluid OP46	4002 / 2005	20L
Hydraulic Tank	66L	-20°C (-4°F) to 46°C (114.7°F): JCB Hydraulic Fluid OP46	4002 / 2005	20L
Slew Ring Bearing	As required	JCB HP Grease	4003 / 2017	0.4kg
Slew Ring Gear Teeth	As required	JCB Special Slew Pinion Grease	4003 / 1619	0.4kg
All Other Grease	As required	JCB MPL-EP Grease	4003 / 1501	0.4kg

Machine Attachments

Description	Weight (kg)	Machines	Requirements
Mechanical Quickhitch	95	65R-1 – 100C-1	None
Hydraulic Quickhitch	72	65R-1 – 100C-1	Quickhitch circuit
Bucket GP 250mm - 900mm	98 - 179	65R-1 – 90Z-1	None
Bucket GP 250mm & 500mm	98- 121	100C-1	None
Bucket HD 250mm - 900mm	108 - 210	65R-1 – 100C-1	None
Ditching Bucket 1520-1800mm	150-172	65R-1 – 100C-1	None
Ditching Bucket with Toeplate 1524mm	214	65R-1 – 100C-1	None
Tapered Ditching Bucket (300mm- 1000mm)	111	65R-1 – 100C-1	None
Grading Bucket 1520-1800mm	150 -172	65R-1 – 100C-1	None
Bucket DP Bolt on Teeth 300mm-1100mm	214	65R-1 – 100C-1	None
Jaw Bucket 600mm	280	65R-1 – 100C-1	1x single acting hyd service
Earth Drill – 6000Nm	139	65R-1 – 100C-1	1x Hi-Flow aux service
Rock Wheel	460	65R-1 – 100C-1	1x single acting hyd service
Breaker- HM266Q	224	65R-1 & 67C-1	1x single acting Hi-Flow aux service
Breaker- HM033T	330	65R-1 – 100C-1	1x single acting Hi-Flow aux service
Breaker – HM386Q	360	65R-1 – 100C-1	1x single acting Hi-Flow aux service
Breaker –HM496Q	441	85Z-1 – 100C-1	1x single acting Hi-Flow aux service

Troubleshooting/FAQs

Issue / FAQ	Resolution/Answer
How do I release pressure from my Auxiliary system?	Turn key to position 1, enter immobiliser code (if required). Enable Hydraulic controls, select Aux function using top button on left control lever which will display Aux status. Select required function using Aux mode select on right hand console and using elec-prop roller on control levers, fully rotate both in both directions to release stored system pressure.
How do I adjust my Aux flow (high Flow) ?	When the ignition is on and the Aux controls are activated the maximum flow can be changed by pressing the rocker switch up to position 1 shown in the handbook.
How do I change power mode function?	Power mode can be change using the momentary rocker switch on the right hand console. This allows you to switch between ECO and Heavy Mode.
What are the max flow of the Auxiliary circuits?	The maximum flow for the hydraulic circuits are as follows: • High flow – 100 l/min (8-10t) • High flow – 100 l/min (6t) • Low flow – 25 l/min (6-10t)
Is it possible to turn off the lift overload buzzer?	Yes this can be done using the momentary rocker switch on the right hand console when the ignition switch is in the on position.

Troubleshooting/FAQs

Issue / FAQ	Resolution/Answer
500hrs Greasing - Does it matter if greased every day?	No, this only prolongs the life further
500hrs Greasing - Do the bush need to be replaced at 500hrs?	No, just grease and continue work
500hrs Greasing - After the first 500hrs does the bush then need greasing daily?	No, the bush wont need greasing until the next 500hrs
500hrs Greasing - Without daily greasing what cleans all the dirt out of the bush?	**Machine is fitted with a one way seals stopping dirt entering the bush, but allows old grease out when greasing**
Can you dig to dozer?	Digging to dozer can not be done while machine dig end is central to the dozer. To dig to dozer slew machine over to the side then use the boom swing to offset the boom enabling digging up to the dozer

Your Notes

JCB

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